

SEQUENCE LISTING

<110> Whitcombe, David M
Theaker, Jane
Gibson, Neil J
Little, Stephen

<120> Methods for Detecting Nucleic Acid Sequences

<130> 1991-143

<140> 09/200 232

<141> 1998-11-25

<150> UK/9812768.1

<151> 1998-06-13

<160> 8

<170> PatentIn Ver. 2.1

<210> 1

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: B2098-BRCA
Scorpions primer

<220>

<221> stem_loop

<222> (1)..(29)

<220>

<221> misc_feature

<222> (30)

<223> n = MR = a non-fluorogenic fluorophore attached to
a uracil

<220>

<221> misc_feature

<222> (31)

<223> n = HEG = blocking hexethylene glycol monomer

<400> 1

cgcacgatgt agcacatcag aagcgtgcgn nttggagatt ttgtcacttc cactctcaaa 60

<210> 2

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: R186-98,
Untailed equivalent of B2098 primer

<400> 2

ttggagattt tgtcacttcc actctcaaa

29

<210> 3
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Z3702, Probe
segment of the Scorpions B2098 primer

<220>
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<222> (1)..(29)

<220>
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<222> (30)
<223> n = MR = a non-fluorogenic fluorophore attached to
a uracil

<400> 3
cgcacgatgt agcacatcag aagcgtgcgn

30

<210> 4
<211> 50
<212> DNA
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<220>
<223> Description of Artificial Sequence: B2731 Scorpion
primer

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<222> (18)
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a uracil

<220>
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<222> (19)
<223> n = H = blocking hexethylene glycol monomer

<400> 4
aggtagtgcag gagagtgnng agcctcaaca tcctgctccc ctctactac

50

<210> 5
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: B4249 Scorpion
primer without quencher on same molecule

<220>
<221> misc_feature
<222> (18)
<223> n = h = blocking hexethylene glycol monomer

<400> 5
aggtagtgcag gagagtgnng gcctcaacat cctgctcccc tcctactac

49

<210> 6
<211> 18
<212> DNA
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<220>
<223> Description of Artificial Sequence: Quencher
oligonucleotide for B4249 (complement tail)

<220>
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<222> (18)
<223> n = MR = a non-fluorogenic fluorophore attached to
a uracil

<400> 6
cactctctgc actacctn

18

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ARMS primer
R284-97

<400> 7
ttcgggggctc cacacggcga ctctcaac

28

<210> 8
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ARMS primer
R283-97

<400> 8
ttcgggggctc cacacggcga ctctcaag

28